

# INTERNATIONAL SEARCH REPORT

national Application No

PCT/GB2004/005325

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/22 A61P25/28 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WIESSNER CHRISTOPH ET AL: "Anti-Nogo-A antibody infusion 24 hours after experimental stroke improved behavioral outcome and corticospinal plasticity in normotensive and spontaneously hypertensive rats."</p> <p>JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol. 23, no. 2, February 2003 (2003-02), pages 154-165, XP008047583 ISSN: 0271-678X abstract the whole document</p> <p style="text-align: center;">----- -/--</p>	1-28

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

6 June 2005

Date of mailing of the international search report

14/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Noë, V

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>BROSAMLE CHRISTIAN ET AL: "Regeneration of lesioned corticospinal tract fibers in the adult rat induced by a recombinant, humanized IN-1 antibody fragment" JOURNAL OF NEUROSCIENCE, vol. 20, no. 21, 1 November 2000 (2000-11-01), pages 8061-8068, XP002330322 ISSN: 0270-6474 abstract page 8064, column 1, paragraph 3 - page 8065, column 1, paragraph 3 page 8067, column 1, last paragraph - column 2</p>	1-28
X	<p>PAPADOPOULOS C M ET AL: "FUNCTIONAL RECOVERY AND NEUROANATOMICAL PLASTICITY FOLLOWING MIDDLE CEREBRAL ARTERY OCCLUSION AND IN-1 ANTIBODY TREATMENT IN THE ADULT RAT" ANNALS OF NEUROLOGY, BOSTON, US, vol. 51, no. 4, April 2002 (2002-04), pages 433-441, XP008034394 ISSN: 0364-5134 abstract</p>	1-25
X	<p>BAREYRE FLORENCE M ET AL: "Long-lasting sprouting and gene expression changes induced by the monoclonal antibody IN-1 in the adult spinal cord" JOURNAL OF NEUROSCIENCE, vol. 22, no. 16, 15 August 2002 (2002-08-15), pages 7097-7110, XP002330320 ISSN: 0270-6474 abstract page 7079, column 2, paragraph 1 page 7099, column 2, paragraph 2 - page 7080, column 2, paragraph 2 page 7109, column 2, last paragraph - page 7110, column 1, paragraph 1</p>	1-28
X	<p>KARIM F ET AL: "Improving axonal growth and functional recovery after experimental spinal cord injury by neutralizing myelin associated inhibitors" BRAIN RESEARCH REVIEWS, ELSEVIER, vol. 36, 2001, pages 204-212, XP002279772 ISSN: 0165-0173 page 208, column 1, paragraph 2 - page 210, column 1, paragraph 1</p>	1-28

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SCHNELL L ET AL: "Lesioned axons regenerate in the adult rat spinal cord when treated with antibodies against Nogo - A."</p> <p>SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, vol. 2003, 2003, pages Abstract No. 678.9 URL-http://sf, XP008047590 &amp; 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA; NOVEMBER 08-12, 2003 abstract</p>	1-28
X	<p>SCHWAB M E ET AL: "Antibodies against defined regions of Nogo - A enhance neurite outgrowth on rat, mouse and monkey myelin in vitro and lead to internalization of Nogo - A in the brain."</p> <p>SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, vol. 2003, 2003, pages Abstract No. 678.5 URL-http://sf, XP008047589 &amp; 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA; NOVEMBER 08-12, 2003 abstract</p>	1-26
X	<p>SCHMIDLIN E ET AL: "Functional recovery in macaque monkeys subjected to unilateral spinal lesion: effect of anti - Nogo treatment."</p> <p>SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, vol. 2003, 2003, pages Abstract No. 275.9 URL-http://sf, XP008047588 &amp; 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA; NOVEMBER 08-12, 2003 abstract</p>	1-26
P,X	<p>WO 2004/052932 A (NOVARTIS AG; NOVARTIS PHARMA GMBH; UNIVERSITAET ZUERICH; BARSKE, CARME) 24 June 2004 (2004-06-24) abstract</p>	1-28
E	<p>WO 2005/028508 A (NOVARTIS AG; NOVARTIS PHARMA GMBH; UNIVERSITY OF ZURICH; BARSKE, CARME) 31 March 2005 (2005-03-31) abstract</p>	1-28

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 20,22,24-26(completely), 27(insofar in vivo) are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 2004052932	A	24-06-2004	AU	2003289998 A1	30-06-2004
			WO	2004052932 A2	24-06-2004
WO 2005028508	A	31-03-2005	WO	2005028508 A2	31-03-2005